THERMO-LOC

+ FX CAVITY CLOSER

DATASHEET

Universal closers for eliminating damp and cold bridging around doors, windows and sills



Multi Profile



Single Profile



Double Profile

Use

- To close the cavity at external doors, window jambs and sills.
- To provide thermal insulation and prevent 'cold bridging.'
- To provide a DPC at external doors, window jambs or sills.
- Suitable for cavities up to 150mm.

Features & Benefits

- Provides an effective DPC and thermal barrier between frame, inner and outer wall leaf.
- Thermal conductivity of 0.031W/mk.
- Exceeds the minimum thermal resistance path of 0.45m2 K/W stipulated in accredited construction details.
- Rigid profile extrusion allows first and second fix.
- Durable and resistant to decay.
- Simple on-site trimming to cope with 'rogue' cavity widths.
- Global warming potential of less than 5.
- Ozone depletion potential of zero.
- Available fully rebated - Check reveal (single flange).

Quality

- BBA Approved.
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001.
- Complies with Building Regulation Approved Documents C, L1 & L2.
- Satisfies BRE document 'Thermal insulation: avoiding risks.'
- Meets all relevant British Standards.
- Satisfies NHBC standards.

Material & Colour

- Rigid profile extruded in Grey UPVC.
- Expanded Polystyrene insulation 0.031W/mk.
- Multi 100mm, Multi 100mm CR and fixed cavities.
- 2.4m lengths.

Technical Considerations

- BRE Document 'Thermal insulation: avoiding risks' stipulate "When a window or door frame is set back behind the inner face of a dense outer masonry leaf, it should overlap an insulated closer by a minimum of 30mm for BRE exposure zones Sheltered to Severe; but fully rebated (check reveals) for zones Very Severe."

- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They have an ozone depletion potential of zero and global warming potential of less than 5 and complies with BS EN 13163.

Installation advice and product codes on next page.

How to Order

- Establish the cavity width and select the correct cavity closer width to ensure the cavity can be closed.
- In jamb and sill applications, first estimate the total length of cavity closer required, then order the correct number of individual 2.4 metre lengths so no joint pieces.

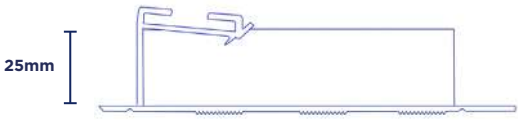
Environmental Product Declaration

A quantification of environmental information regarding the life cycle of the Thermo-Loc + FX Cavity Closers. GWP-fossil total is for production stages A1-A3. Verified in accordance with ISO 14025. View the full EPD at timloc.co.uk.

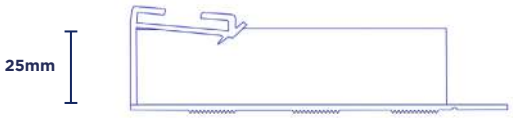
Product	EPD Reference	EPD Mass (KG)	GWP-fossil, A1-A3 ($kgCO_2e$)
FX2.4/50	HUB-5738	1.2	1.284E+00
FX2.4/75	HUB-5738	1.25	1.338E+00
FX2.4/90	HUB-5738	1.25	1.338E+00
FX2.4/100	HUB-5738	1.15	1.231E+00
FX2.4/120	HUB-5738	1.3	1.391E+00
FX2.4/125	HUB-5738	1.35	1.445E+00
FX2.4/130	HUB-5738	1.35	1.445E+00
FX2.4/150	HUB-5738	1.35	1.445E+00
FX2.4/100MULTI	HUB-5738	1.3	1.391E+00
FX2.4/CR50	HUB-5738	1.2	1.284E+00
FX2.4/CR100	HUB-5738	1.15	1.231E+00
FX2.4/CR125	HUB-5738	1.35	1.445E+00
FX2.4/CR150	HUB-5738	1.3	1.391E+00
FX2.4/CR100MULTI	HUB-5738	1.3	1.391E+00

Product Dimensions

Single Profile | 50mm - 100mm cavities



Single Profile | Check Reveal (single flange)



Double Profile | 105mm - 150mm cavities



Double Profile | Check Reveal (single flange)



Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling window jambs and sills
Clause 180 | CAVITY CLOSURES FOR CLOSING AROUND WINDOW & DOOR OPENINGS

- To extend not less than 150mm beyond ends of lintels/bridgings
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Reference: eg.FX2.4/50 (Thermo-loc + FX, Expanded Polystyrene, 2.4m, 50mm).

Installation Advice

- The accredited construction detail published by DCLG require a minimum overlap of 30mm between the window frame and cavity closer.
- Cut the cavity closer into the required lengths allowing the jamb section to overlap the sill section by cutting away parts of the fixing flange and to butt the underside of the lintel.
- For second fix applications, the cavity closer is pushed into the open cavity after building work is complete. The compressible nature of the exposed insulation material is used to create a friction fit in the cavity, or alternatively the insulation can be trimmed to fit using a sharp knife.
- Fixing nails to the flanges are recommended to ensure a secure fit.
- Cavity insulation should butt tightly to the cavity closer.

Product Codes

Product Code	Description	Cavity Width	Length	Colour	Pack Quantity
FX2.4/50	Thermo-loc + FX Cavity Closer	50mm	2.4m	Grey	10
FX2.4/75	Thermo-loc + FX Cavity Closer	75mm	2.4m	Grey	10
FX2.4/90	Thermo-loc + FX Cavity Closer	90mm	2.4m	Grey	10
FX2.4/100	Thermo-loc + FX Cavity Closer	100mm	2.4m	Grey	10
FX2.4/120	Thermo-loc + FX Cavity Closer	120mm	2.4m	Grey	10
FX2.4/125	Thermo-loc + FX Cavity Closer	125mm	2.4m	Grey	10
FX2.4/130	Thermo-loc + FX Cavity Closer	130mm	2.4m	Grey	10
FX2.4/150	Thermo-loc + FX Cavity Closer	150mm	2.4m	Grey	10
FX2.4/100MULTI	Thermo-loc + FX Multi Cavity Closer	50-100mm	2.4m	Grey	10
FX2.4/CR50	Thermo-loc + FX CR Cavity Closer	50mm	2.4m	Grey	10
FX2.4/CR100	Thermo-loc + FX CR Cavity Closer	100mm	2.4m	Grey	10
FX2.4/CR125	Thermo-loc + FX CR Cavity Closer	125mm	2.4m	Grey	10
FX2.4/CR150	Thermo-loc + FX CR Cavity Closer	150mm	2.4m	Grey	10
FX2.4/CR100MULTI	Thermo-loc + FX CR Multi Cavity Closer	50-100mm	2.4m	Grey	10
CCFIX	Fixing ties - 100 pack	-	-	White	100